U.S. Department of the Interior
Bureau of Land Management

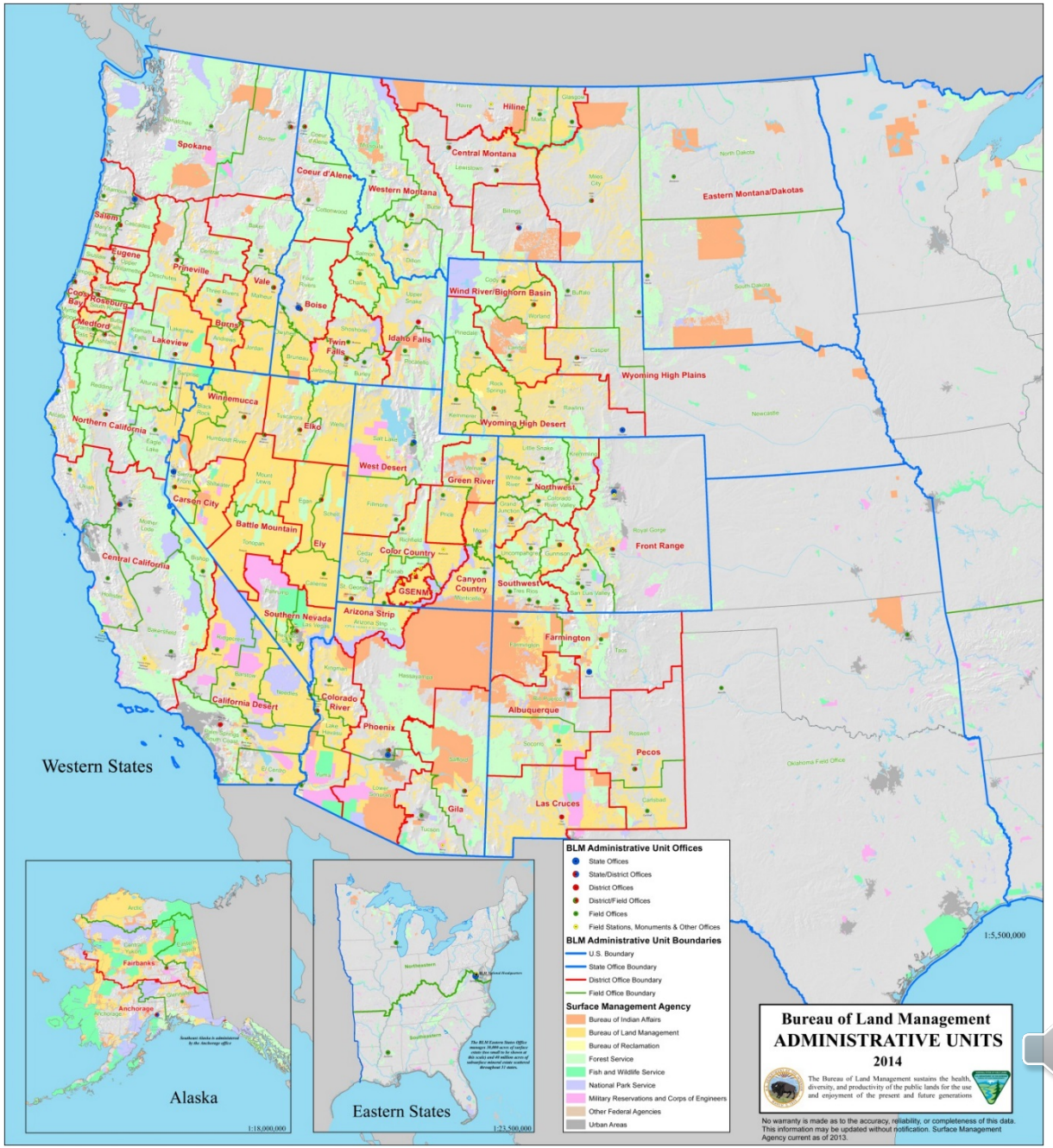
Your Public Lands

Greg Liggett BLM Paleontologist

MANOR
1017

270 Million Surface Acres

700 Million Subsurface Acres



BLM Contacts

Contact	States
Greg Liggett gliggett@blm.gov	Montana, North Dakota, South Dakota
Brent Breithaupt bbreitha@blm.gov	Alaska, Wyoming, Nebraska, and Idaho
Greg McDonald hmcdonald@blm.gov	Colorado, Utah, Nevada, Oregon, and Washington
Phil Gensler pgensler@blm.gov	New Mexico, Arizona, California

Potential Fossil Yield Classification

- Protecting fossil resources in non-research situations
- Predictive model of where scientifically interesting fossils will occur
- Ranks 1-5, or Unknown assigned to mapped geological units

Potential Fossil Yield Classification

- Simply based on a formation's history of fossil preservation
- Gather all digital maps we can at various scales, combine into master
- Maintain an index layer for the source maps
- Have accompanying report

U.S. Department of the Interior Bureau of Land Management Potential Fossil Yield Classification (PFYC) for the Geologic Formations of Montana, North Dakota, and South Dakota

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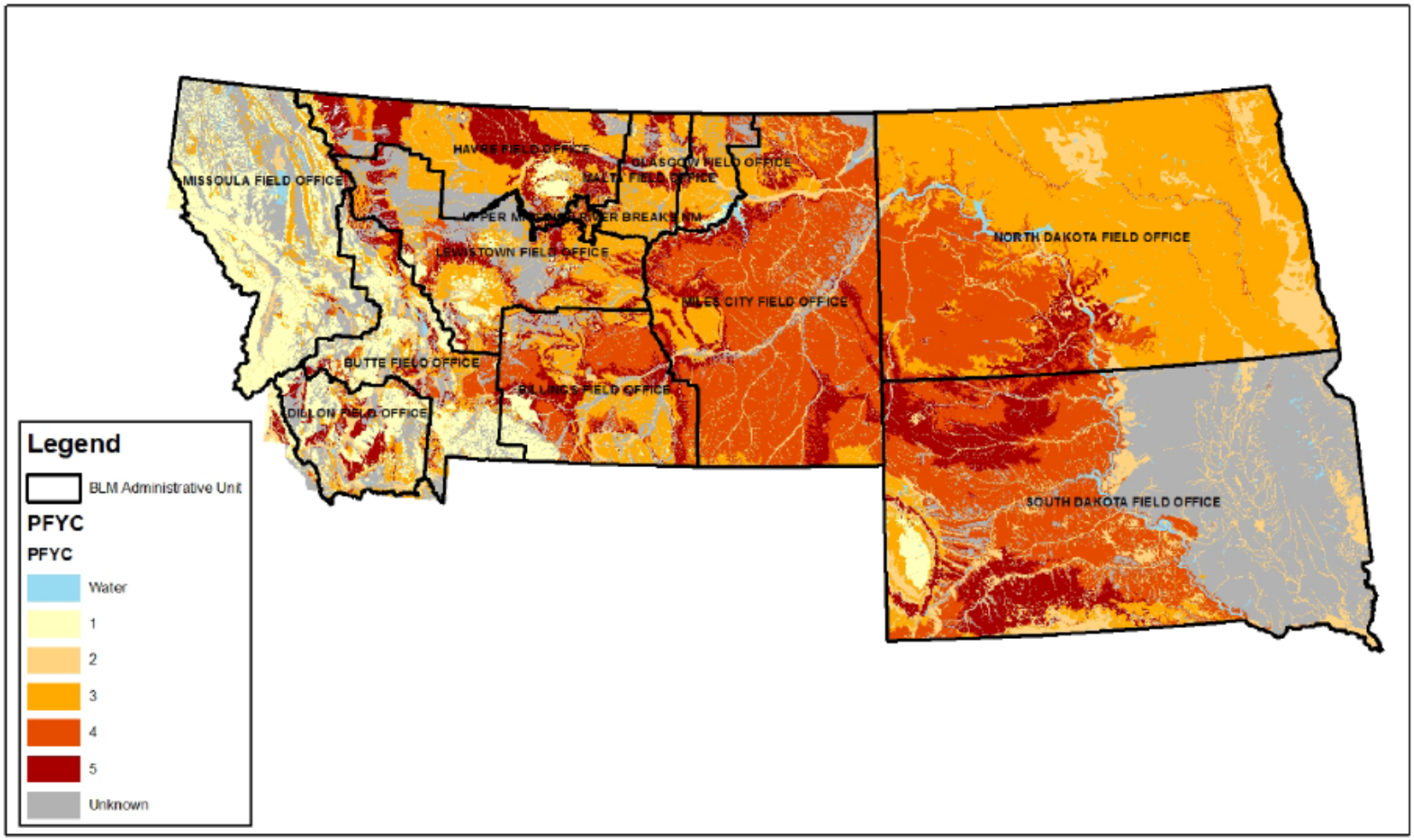
Potential Fossil Yield Classification
Montana/Dakotas

Creator: gliggett
Date: 9/15/2015

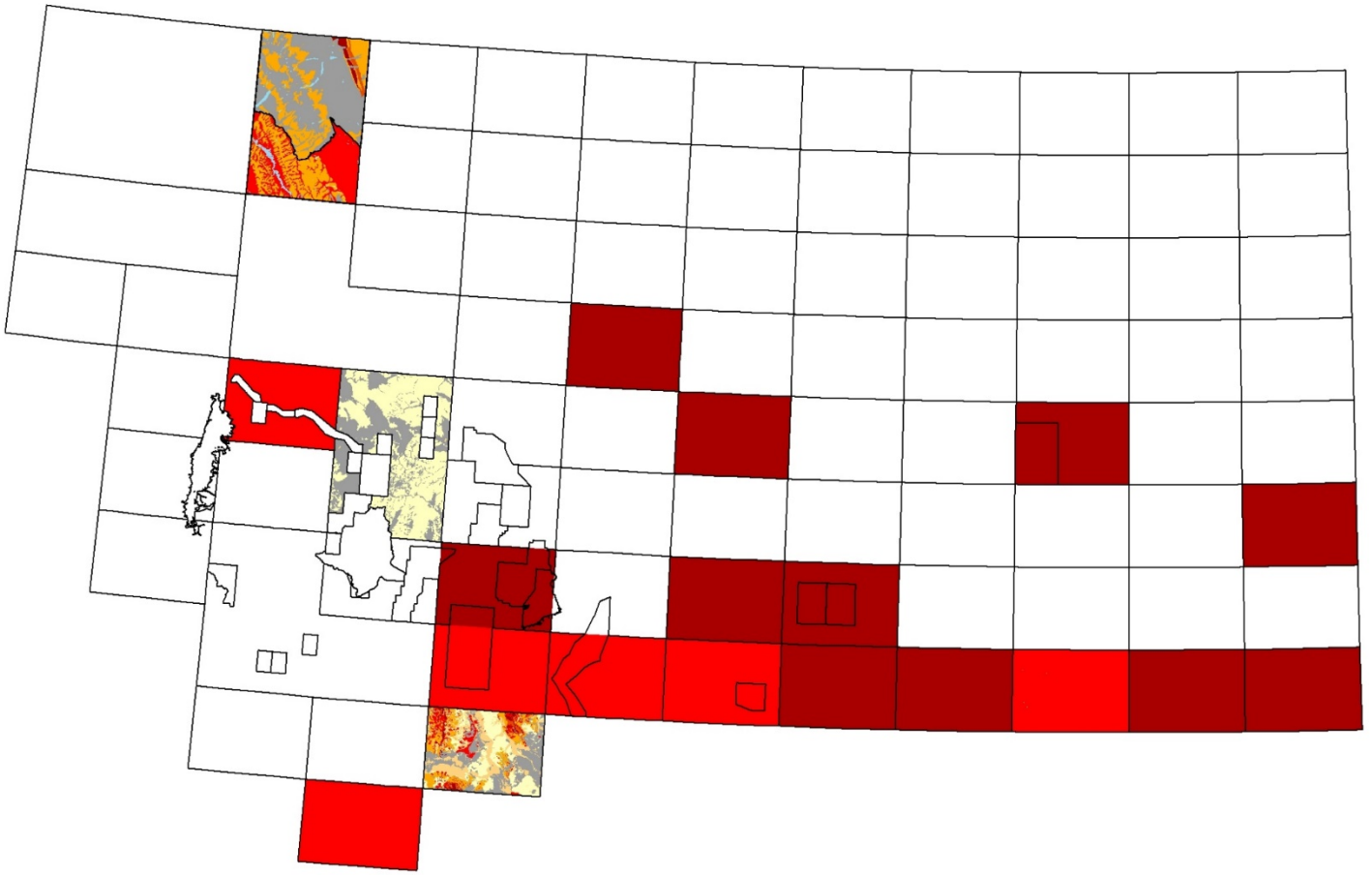


Document Path: T:\MT\gis\projects\StateOffice\100K\Geology\Update\PFYC_Package_2-0.gdb\Montana_Dakotas_PFYC.mxd

Projected Coordinate System: NAD 1983 Albers
Geographic Coordinate System: GCS North American 1983
Datum: D North American 1983

1:6,700,000

0 20 40 80 120 160
Miles

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
MONTANA-DAKOTAS

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